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JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1754  
Examiner : Peter J. Lish  
Serial No. : 10/045,316  
Filed : November 7, 2001  
Inventors : Hiroki Nakamaru  
: Haruhiko Miyazawa  
: Yoshiei Kato  
Title : REMEDIATION METHOD OF MEDIA AND  
: IRON POWDER FOR DEHALOGENATION  
: OF HYDROGENATED HYDROCARBONS

Confirmation No.: 035811

Docket No.: 1321-01

Confirmation No.: 7966

Dated: September 3, 2004

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

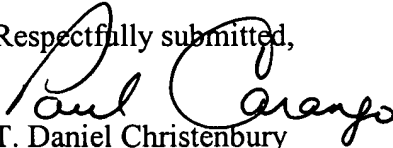
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Applicants submit herewith Form PTO-1449 together with copies of the publications listed therein. The documents are submitted to comply with 37 C.F.R. §1.56 and are believed related to this application. A copy of the European Search Report dated March 7, 2002 is also enclosed.

The Applicants respectfully request that this Information Disclosure Statement be officially entered into the file and that appropriate notification be made that it was considered by the Examiner.

Respectfully submitted,

  
T. Daniel Christenbury  
Reg. No 31,750  
Paul Carango  
Reg. No. 42,386

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(215) 656-3381



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Alexandria, VA 22313

Sir:

Certificate of Mailing Under 37 CFR 1.8

For

Postcard

Supplemental Information Disclosure Statement  
Form PTO-1449 w/copies of 10 publications  
Copy of European Search Report dated March 7, 2002


I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney  
or Registered Representative:

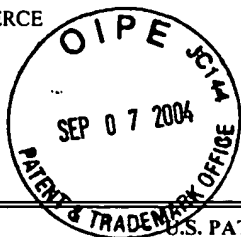
Piper Rudnick LLP  
Customer No. 035811

By: Paul Carango

Date: 09/03/04

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>LIST OF PRIOR ART CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. 1321-01		SERIAL NO. 10/045,316	
APPLICANTS Hiroki Nakamaru et al.				FILING DATE November 7, 2001		GROUP 1754	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,039,882	03/21/00	N. L. Wolf et al.			
	AB	5,575,927	11/19/96	T. Sivavec et al.			
	AC	6,068,777	05/30/00	T. Kimura et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	AL	97 14656 A	04/24/97	PCT			
	AM	00 29137A	05/15/00	PCT			
	AN	97 04868 A	02/13/97	PCT			
	AO						
	AP						
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AR	Hassan S.M., "Reduction of halogenated hydrocarbons in aqueous media: I Involvement of sulfur in iron catalysis" "Chemosphere vol. 40 (2000-06) pp 1357-1363					
	AS	E. Lipczynska-Kochany et al., "Degradation of carbon tetrachloride in the presence of iron and sulfur containing compounds" <u>Chemosphere</u> (1994), vol. 29 (7), pp 1477-1489					
	AT	E. C. Butler et al., "Factors Influencing Rates and Products in the Transformation of Trichloroethylene by Iron Sulfide and Iron Metal, <u>Environmental Science and Technology</u> " vol. 35, no. 19, 2001, pages 3884-3891					
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE



ATTY. DOCKET NO.

1321-01

SERIAL NO.

10/045,316

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Hiroki Nakamaru et al.

FILING DATE

November 7, 2001

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	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Nakamaru Hiroki et al., "Effect of the microstructure of an iron powder on the reactivity with trichloroethylene" 224 <sup>th</sup> ACS National Meeting 0-8412-3840-5 American Chemical Society, Boston MA, August 18-22,2002
	AS	
	AT	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.